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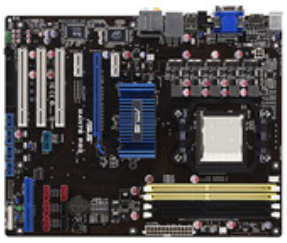
ASUS

M4N78 PRO



Brand New Design Optimized for AM3 CPU

- AMD AM3 CPU support
- EPU
- TurboV
- Turbo Key
- ASUS Anti-Surge Protection
- AMD 140W CPU Support

Print

Specifications

CPU	AMD Socket AM2+ / AM2 Phenom™ X4/Phenom™ X3/Athlon™ /Athlon™ X2/Sempron™ Processors Support AM3 Phenom™ II / Athlon™ X4 / Athlon™ X3 / Athlon™ X2 Processors AMD 140W CPU Support AMD Cool 'n' Quiet™ Technology Support 45nm CPU
Chipset	NVIDIA GeForce 8300
System Bus	Up to 5200 MT/s HyperTransport™ 3.0 interface for AM3/AM2+ CPU 2000 / 1600 MT/s for AM2 CPU
Memory	4 x DIMM, Max. 16 GB, DDR2 1066*/800/667 ECC,Non-ECC,Un-buffered Memory Dual Channel memory architecture *Due to AMD CPU limitation, DDR2 1066 is supported by AM2+/AM3 CPU for one DIMM per channel only. Refer to www.asus.com for the memory QVL (Qualified Vendors Lists). **Due to OS limitation, when installing total memory of 4GB capacity or more, Windows® 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.
Expansion Slots	1 x PCIe 2.0 x16 2 x PCIe x1 3 x PCI 2.2
VGA	Integrated NVIDIA® GeForce® 8 series GPU Hybrid SLI™ Support (supports Windows Vista only) Supports HDMI™ Technology with max. resolution up to 1920 x 1200 Supports DVI with max. resolution up to 1920 × 1200 @ 60 Hz Supports D-Sub with max. resolution up to 1920 × 1440 @ 75 Hz HDMI/DVI/RGB Support Supports Microsoft® DirectX 10, OpenGL 2.0, Pixel Shader 4.0 Support PCIe 2.0 / 1.0 Architecture
Storage	**NVIDIA® GeForce 8300** 1 xUltraDMA 133/100 6 xSATA 3 Gb/s ports (Legacy IDE operation is only supported on drives 1–4.) NVIDIA® MediaShield™ Support RAID 0,1,0+1,5,JBOD
LAN	NVIDIA Gigabit MAC Gigabit LAN controller featuring AI NET 2

Fragen zu dem Produkt? Kein Problem - wir helfen Ihnen per eMail (info@diskontcomputer.com) gerne weiter!
Den aktuellen Preis und Lagerstand finden Sie online auf http://www.diskontcomputer.com/detail.php?item=460956

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Audio	VIA1708S 8 -Channel High Definition Audio CODEC - Supports Jack-Detection, Multi-Streaming, and Front Panel Jack-Retasking - Optical S/PDIF Out ports at back I/O - ASUS Noise Filtering
USB	12 USB 2.0 ports (8 ports at mid-board, 4 ports at back panel)
ASUS Unique Features	**ASUS Power Solutions** - 4+1 Phase Power Design - ASUS Anti-Surge Protection **ASUS Green Design:** - ASUS EPU *ASUS EPU is supported by AM2+/AM3 CPU only. - ASUS AI Nap **Express Gate** **ASUS Quiet Thermal Solution** - ASUS Fanless Design: Stylish heatsink solution - ASUS Q-Fan2 **ASUS Crystal Sound** - ASUS Noise Filtering **ASUS EZ DIY** - ASUS Q-Connector - ASUS CrashFree BIOS 2 - ASUS O.C. Profile - ASUS EZ Flash 2
Overclocking Features	**Intelligent overclocking tools** - AI Overclocking (Intelligent CPU Frequency Tuner) - ASUS TurboV - ASUS Turbo Key **Precision Tweaker** - vDIMM: 8 -step DRAM voltage control - vCore: Adjustable CPU voltage at 50mV increment - vChipset 4-step Chipset voltage control **SFS (Stepless Frequency Selection)** - FSB tuning from 200MHz up to 600MHz at 2MHz increment - PCI Express frequency tuning from 100MHz up to 200MHz at 1MHz increment **Overclocking Protection** - ASUS C.P.R.(CPU Parameter Recall)
Special Features	100% All High-quality Conductive Polymer Capacitors! (VRM 5000hrs lifespan @105°C, 500,000hrs @65°C) ASUS MyLogo 2
Back Panel I/O Ports	1 x DVI 1 x D-Sub 1 x PS/2 Keyboard 1 x HDMI 1 x PS/2 Mouse 1 x S/PDIF Out (Optical) 1 x LAN(RJ45) port 4 x USB 2.0/1.1 8 -Channel Audio I/O
Internal I/O Connectors	4 x USB connectors (8 ports) 1 x Floppy disk drive connector 1 x IDE connector 1 x SATA connectors 1 x CPU Fan connector 1 x Chassis Fan connector 1 x Power Fan connector Front panel audio connector COM connector Chassis Intrusion connector System Panel (Q-Connector) 1 x S/PDIF Out Header CD audio in 24-pin ATX Power connector 4-pin ATX 12V Power connector
BIOS	8 Mb Flash ROM AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI 2.0, ASUS EZ Flash 2

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Accessories	1 x UltraDMA 133/100/66 cable 2 x Serial ATA cables I/O Shield User's manual 2 in 1 Q-connector (USB, System panel; Retail version only) *The floppy disk drive cable is purchased separately
Support Disc	Drivers ASUS PC Probe II Express Gate ASUS AI Suite Anti-virus software (OEM version) ASUS Update
Form Factor	ATX Form Factor 12 inch x 9.6 inch (30.5 cm x 24.4 cm)

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.

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